

**CONFIDENTIAL**

NPIC/TSSG/DED-1208-68  
21 May 1968

MEMORANDUM FOR: Chief, Technical Services & Support Group, NPIC

SUBJECT: Establishment of PAR 249 (Maintenance Program) Under [ ]

25X1

1. The attached proposal and cost summary was solicited from [ ]  
[ ] on the recommendation of PSG/RD for maintenance, minor  
repair and component replacement on enlarging equipment in the NPIC Photo  
Lab. There is no existing contract or method to cover this type of  
services with [ ]

25X1

2. The prototype [ ] Print Enlarger has been installed for  
approximately eight months. The usage of this precision equipment in a  
production environment has brought to light the necessity for periodic  
maintenance in that several visits have been made by the contractor to  
correct deficiencies that would have been handled through periodic mainte-  
nance, thus preventing down time and production losses. Additionally,  
repairs and adjustments have been performed on the 10X - 20X - 40X enlargers  
which would have been prevented by a periodic inspection by factory  
representatives.

3. PAR 249, in the amount of [ ] would replace PAR 246 (RT 12  
and RT 24 Operational Improvements) which was completed on 25 February  
1968, with approximately [ ] remaining in that account.

25X1

4. This action has been informally coordinated with PSG/RD and  
TSSG/TPD.

25X1

[ ]  
Acting Chief, DED/TSSG  
NPIC

Attachment [ ]

CONCUR: [ ]

Chief, Technical Services & Support Group  
NPIC

Distribution:

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1 - NPIC/TSSG/DED

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Declass Review by NGA.

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Excluded from automatic  
downgrading and  
declassification

M-28-802215-/

13 May 1968


25X1



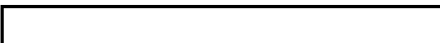
/1556)

Subject: Proposal for Photographic Enlarger Maintenance Program

Enclosures: (1) Work Statement (M-28-802216-1)  
(2) Estimate Summary (M-28-802217-1)

Submitted herewith is a work statement and estimated cost breakdown for the subject proposal to cover a twelve (12) month period for maintenance/service of one (1)  Precision Enlarger and three (3) 10-20-40X Precision Enlargers.

25X1

The total CPFF price is  fixed fee and the price quoted can be considered valid for sixty (60) days from proposal date.

25X1

A handwritten signature in cursive script, appearing to read "R.R.W."

RRW:sjm  
Encs.

R. R. W.

Copy #1: RS w/encs. (M-28-802216-1 & M-28-802217-1)  
2: DW w/encs. (M-28-802216-2 & M-28-802217-2)

MAINTENANCE/SERVICE FOR  
ENLARGERS

[REDACTED]

25X1

WORK STATEMENT

Scope - Work outlined in this statement serves as a supplement to routine daily and weekly care of one [REDACTED] Precision Enlarger and three Precision Enlargers, 10-20-40X, operated by the customer. Contractor service will contribute towards reliable performance by the enlargers, providing preventive maintenance measures are routinely performed by the customer as part of the operating procedure, in accordance with Preventive Maintenance Schedules for the Precision Enlarger, 10-20-40X, dated July, 1966, and The [REDACTED] Precision Enlarger, dated January, 1968, changed 23 February 1968.

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Contractor duties will be accomplished by a maintenance technician, who is well-grounded in enlarging equipment service. His services under the contract will be confined to monthly two (2)-day visits, plus one extra day quarterly, to perform the tasks indicated under Description.

Service under this work statement will be limited to inspecting, checking, and adjusting the enlargers, except that minor repair and replacement of components, parts for which are to be supplied by the customer, will be done on enlargers as time permits within the allocated visit period. Repairs that may overrun the time period or that are of major or emergency nature are beyond the scope of this work statement.

Implicit in this work statement is provision for contractor supervision for program direction and control.

Description - There follows a check list of services to be performed. Items may be added, deleted, or altered by mutual agreement of both parties, depending upon equipment usage and experience gained.

Monthly: [REDACTED] Precision Enlarger

1. Check, clean, adjust optical components.
  - a. Gate Glasses
  - b. Condensor Lenses
  - c. Objective Lenses
  - d. Filters
2. Check and adjust easel vacuum operation, clean easel face.
3. Check and adjust all drivebelt tensions; inspect for wear and alignment.
4. Check negative gate operation, adjust if necessary.

5. Check operation and condition of fluid injection system.
6. Check operation and condition of fluid removal system.
7. Check lamphouse cooling system.
8. Check all limit and indicator switches.
9. Check operation of control pushbuttons.
10. Check operation of projection lamps.
11. Check operation of display and indicator lamps.
12. Check viewer lamps.
13. Check operation of vertical and horizontal film transport system.
  - a. Speed-tension controls
  - b. Rollers
14. Check malfunctions reported by customer.

Monthly: Precision Enlarger, 10-20'-40x

1. Check, clean, adjust optical components.
2. Check easel-stencil assembly.
3. Check operation and condition of fluid injection system.
4. Check operation of fluid removal unit.
5. Check lamphouse assembly, including lamps.
6. Check operation of air pressure system.
7. Check operation of controls and switches.
8. Check viewer lamps.
9. Check negative gate assembly.
10. Check film transport system.
  - a. Controls
  - b. Coordinate system alignment
  - c. Static Removal Unit
  - d. Rollers, Belts, Pulleys
11. Check malfunctions reported by customer.

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Quarterly: ☐ Precision Enlarger

1. Check photometer calibration, adjust if necessary.
2. Affirm accuracy of easel position display drum.
3. Check operation of film transport system.
  - a. Tracking
  - b. Coordinate counter displays
4. Inspect for potential trouble areas.

Quarterly: Precision Enlarger, 10-20-40X.

1. Check operation of photographic analyzer.
2. Check negative transport system for tracking.
3. Inspect for potential trouble areas.

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# CENTER ROUTING SLIP

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Chief, Technical Services & Support Group  
DED 22 May 1968

TO	INITIALS	DATE	REMARKS
DIRECTOR			[redacted] I strongly recommend we establish this PAR. We are in effect <u>cancelling</u> our PAR and transferring the funds to this new PAR (#6,325). We need to dip into [redacted] funds to make up the difference [redacted]. We can take care of this with a message to [redacted]. This PAR insures that [redacted] personnel do the specialized periodic checks to supplement our maintenance.
DEP/DIRECTOR			
EXEC/DIRECTOR			
SPECIAL ASST			
ASST TO DIR			
ASST TO DEP/DIR			
CH/PPBS			[redacted]
DEP CH/PPBS			
EO/PPBS			
CH/ [redacted]			[redacted]
DEP CH/IEG			
EO/IEG			
CH/PSG			[redacted]
DEP CH/PSG			
EO/PSG			
CH/DBD/PSG			[redacted]
CH/TSSG	2	JWC	
DEP CH/TSSG			
EO/ [redacted]			[redacted] 5/23
TSSG/TPD-Ch	1	(signature)	
DIR/IAS/DDI			
CH/DIA/XX4			[redacted]
CH/DIA/AP-1P			

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